



~~PNEUMATIC DEVICE FOR PERSONAL PROTECTION AND
RELEVANT ARTICLE OF CLOTHING INCLUDING SUCH
DEVICE~~

5

Abstract

The ~~A~~ pneumatic device for personal protection (10) ~~is of the kind~~
~~having~~ has at least one sac-like gas-tight element (11) connectable through
10 an inlet box (25) to automatically ~~releasing~~ release inflating means and
attaching means (14,15) co-operating, in working position, with the body of
a user so that the sac-like element (11) is kept in a position which
corresponds to ~~the~~ a portion of the body to be protected. The sac-like
element (11) encloses a variable volume chamber (13) which is intended to
15 be filled with a gas introduced therein via ~~said an~~ inlet box (25). The
chamber (13) ~~comprises~~ includes inside flexible partition members (P)
extending lengthwise a greater side of the chamber (13) and connected
along their edges extending lengthwise to two opposite walls (12) of the
chamber (13). The flexible partition members (P) divide the chamber (13)
20 into a plurality of compartments (20,21,22) arranged one next to another
and in fluid communication with each other.